

03040206-100

(*Buck Creek*)

General Description

Watershed 03040206-100 is located in Horry County and consists primarily of ***Buck Creek*** and its tributaries. The watershed occupies 22,731 acres of the Lower Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Yonges-Rains-Yauhannah-Ogeechee series. The erodibility of the soil (K) averages 0.17; the slope of the terrain averages 1%, with a range of 0-2%. Land use/land cover in the watershed includes: 37.0% forested land, 27.4% forested wetland (swamp), 26.5% scrub/shrub land, 7.6% agricultural land, 0.8% urban land, and 0.7% water.

Buck Creek accepts drainage from Round Swamp, Sheepbridge Branch, Camp Swamp, Little Cedar Branch, Cedar Branch, Big Cedar Branch, and Deep Branch before draining into the Waccamaw River. There are a total of 53.0 stream miles in this watershed, and a few ponds (totaling 48.8 acres), all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-362	W	FW	BUCK CREEK AT SC 905

Buck Creek (PD-362) - Aquatic life and recreational uses are fully supported.

Nonpoint Source Management Program

Mining Activities

<i>MINING COMPANY</i>	<i>PERMIT #</i>
<i>MINE NAME</i>	<i>MINERAL</i>
SOUTHERN AGGREGATES CO., INC.	0654-51
MYRTLE BEACH QUARRY	LIMESTONE
CAP OF M.B., LLC	1161-51
CAP GEORGETOWN MINE	LIMESTONE

Water Supply

Portions of this watershed fall within the Waccamaw Capacity Use Area and large groundwater uses must be reported (see Capacity Use Program p.23).

Growth Potential

There is a low potential for growth in this watershed, which contains the unincorporated community of Longs. Water and sewer infrastructure is located in and around Longs. Some growth is predicted due to the sprawling development around North Myrtle Beach and Myrtle Beach.